| Index of Claims |  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |  |

| Application/Control I | Vo. |
|-----------------------|-----|
|-----------------------|-----|

Applicant(s)/Patent under Reexamination

10/680,755

THOMPSON ET AL. Art Unit

Examiner

Gyan Chandra

1646

Rejected **Allowed** 

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

Appeal Α 0 Objected

| Cla  | im   | Date           |              |  |  |  |          |          |          |                 |
|--|--|----------------|--------------|--|--|--|----------|----------|----------|-----------------|
| Final  | original wie   | 03<br>09<br>06 |              |  |  |  |          |          |          | :               |
|  | 1  | =              |              |  |  |  |          |          |          |                 |
|  | 2  | 1:1            |              |  |  |  |          |          |          | ᅥ               |
|  | 3  | Ш              | _            |  |  |  |          |          |          |                 |
|  | 4  | Ш              |              |  |  |  |          |          |          |                 |
|  | 5  | П              |              |  |  |  |          |          |          |                 |
|  | 6  | П              |              |  |  |  |          |          |          |                 |
|  | 1<br>2<br>3<br>4<br>5<br>6<br>7  |                |              |  |  |  |          |          |          |                 |
|  | 8<br>9<br>10   |                |              |  |  |  |          |          |          |                 |
|  | 9  | Ш              |              |  |  |  |          |          |          | _               |
|  | 10   |                | _            |  |  |  |          |          |          | $\Box$          |
|  | 11   | Щ              |              |  |  |  |          |          |          | _               |
|  | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30 | Ш              |              |  |  |  |          |          |          | _               |
|  | 13   | Ш              |              | _  |  | Ш  | Щ        | $\Box$   | Щ        |                 |
|  | 14   | H              | _            | $\dashv$   |  | Н  | _        | -        |          | $\dashv$        |
|  | 15   | H              |              |  |  | ·  | _        | $\vdash$ | $\vdash$ | $\dashv$        |
|  | 10   | Н              |              | $\vdash$   |  | -  | $\vdash$ | -        |          | $\dashv$        |
| -  | 17   | 1              | -            |  |  | $\vdash$   |          |          | _        | $\vdash$        |
| <u> </u>   | 10   |                | _            | -  | _  |  |          |          | $\vdash$ | $\vdash$        |
|  | 20   | -              |              |  |  |  |          |          |          | -               |
| <del>                                     </del> | 21   | -              | -            | Н  |  | -  | _        | Н        |          |                 |
|  | 22   | +              | _            | $\vdash$   |  |  | _        | Н        | _        | $\dashv$        |
|  | 23   | 1              | -            |  |  |  |          |          | _        | $\dashv$        |
|  | 24   | H              |              |  |  |  |          |          |          | Н               |
|  | 25   | H              |              |  |  |  |          |          |          | П               |
|  | 26   | $\sqcap$       |              |  |  |  |          |          |          |                 |
|  | 27   | Ţ              |              |  |  |  |          |          |          |                 |
|  | 28   |                |              |  |  |  |          |          |          |                 |
|  | 29   |                |              |  |  |  |          |          |          |                 |
|  | 30   |                |              |  |  |  |          |          |          | Ш               |
|  | 31<br>32<br>33   | 1              |              |  |  |  |          |          | _        | Ш               |
|  | 32   | 11             |              |  |  |  |          |          | <u> </u> | Ш               |
| L  | 33   | Ц.             | _            |  | _  | <u> </u>   | <u> </u> | _        | <u> </u> | Щ               |
| <u> </u>   | 34<br>35   | 11             | <u> </u>     | _  |  | <u> </u>   | <u> </u> |          | <u> </u> | dash            |
| <u> </u>   | 35   | μĻ             | _            |  |  |  | <u> </u> | <u> </u> | <u> </u> | $\vdash \vdash$ |
|  | 36<br>37   | 1              | -            | _  |  | ├  | $\vdash$ |          | -        | Н               |
|  | 3/   | $\vdash$       | <del> </del> | -  | -  | -  | ⊢        | -        | -        | $\vdash \vdash$ |
| <u> </u>   | 38<br>39   | $\vdash$       | -            |  |  | $\vdash$   | -        | -        | -        | $\vdash$        |
|  | 40   | +              | $\vdash$     | $\vdash$   |  | <del> </del>                                     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$        |
|  | 41   | +              | -            | $\vdash$   | -  | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$        |
|  | 42   | +              | $\vdash$     | _  |  | <del>                                     </del> | -        | 一        |          | Н               |
| <del>                                     </del> | 43   | +-             | $\vdash$     | $\vdash$   | $\vdash$   | <del>                                     </del> | -        | 1        | $\vdash$ | Н               |
|  | 44   | $\top$         | $\vdash$     | <del>                                     </del> | $\vdash$   | H  |          | t        | <u> </u> | $\vdash$        |
|  | 45   | Т              | Г            | <u> </u>   | <del>                                     </del> | П  | Ι        |          |          | П               |
|  | 46   | T              | Г            |  | Γ  | Π  |          | Г        |          | П               |
|  | 47   |                |              |  |  |  |          |          | L        |                 |
|  | 48   |                |              |  |  |  |          |          |          |                 |
|  | 49   |                |              |  |  |  |          |          |          |                 |
|  | 50   |                |              |  |  |  |          |          |          |                 |

| Cla          | Claim                |              |  | Date   |  |          |          |            |  |  |  |  |
|--------------|----------------------|--------------|--|--|--|----------|----------|------------|--|--|--|--|
|              |                      |              |  |  |  |          |          |            |  |  |  |  |
| <del>-</del> | Original             |              |  |  |  |          |          |            |  |  |  |  |
| Final        | Ē                    |              |  |  |  |          |          |            |  |  |  |  |
| ۱ ۳          | ō                    |              |  |  |  |          |          |            |  |  |  |  |
|              |                      | _            |  | $\vdash$   |  |          |          | _          |  |  |  |  |
|              | 51                   |              |  |  |  |          |          |            |  |  |  |  |
|              | 52                   |              |  |  |  |          |          |            |  |  |  |  |
|              | 52<br>53             |              |  |  |  |          |          |            |  |  |  |  |
|              | 54                   |              |  |  |  |          |          |            |  |  |  |  |
|              | 55                   |              | _  |  |  |          |          |            |  |  |  |  |
|              | 56                   | -            | _  |  | -  |          |          |            |  |  |  |  |
| -            | 57                   | -            | $\vdash$   | -  | -  |          |          |            |  |  |  |  |
| $\vdash$     | 50                   |              | -  | ⊢  | -  |          | _        | _          |  | _  |  |  |
| -            | 58                   | _            |  | -  | ⊢  | _        |          |            |  |  |  |  |
| <u> </u>     | 59                   |              | _  | <u> </u>   | ļ.,  |          |          |            | _  | _  |  |  |
|              | 60                   |              |  | <u> </u>   |  | _        |          |            |  |  |  |  |
|              | 61                   |              |  | L  |  |          |          |            |  |  |  |  |
|              | 62                   |              |  |  |  |          |          |            |  |  |  |  |
|              | 63                   |              |  |  | _  |          |          |            |  |  |  |  |
|              | 64                   |              |  |  |  |          |          |            |  |  |  |  |
|              | 65                   | Г            | $\vdash$   | _  |  | $\vdash$ |          |            |  | $\vdash$   |  |  |
|              | 66                   | $\vdash$     | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |          |          |            |  |  |  |  |
| <b>——</b>    | 67                   | -            | -  | $\vdash$   | $\vdash$   | -        | $\vdash$ |            | <u> </u>   |  |  |  |
| <b></b>      |                      | -            |  | ⊢  |  | ┝        | -        | _          | -  | $\vdash$   |  |  |
|              | 68                   | <u> </u>     |  | <u> </u>   | <del> </del>                                     |          |          |            | _  |  |  |  |
| <u> </u>     | 69                   | <u> </u>     |  | _  |  | <u> </u> | -        |            |  | Ь.   |  |  |
|              | 70                   | _            |  |  |  |          | _        |            | _  | <u> </u>   |  |  |
|              | 71                   |              | L  |  |  | L        |          |            |  |  |  |  |
|              | 70<br>71<br>72<br>73 |              |  | L.   |  | _        |          |            |  |  |  |  |
|              | 73                   |              |  | Г  | Π  | l        |          |            |  |  |  |  |
|              | 74<br>75             |              |  | Г  |  |          |          |            |  | Г  |  |  |
|              | 75                   | <u> </u>     | Г  | Т  | Г  |          |          |            |  |  |  |  |
|              | 76                   | $\vdash$     | _  | T  | H  | ┰        | 1        |            |  |  |  |  |
|              | 77                   | ┢            | <del>                                     </del> |  | ╁╌   | Н        | _        | _          |  |  |  |  |
| -            | 78                   | ┢            | ├  | ┢  | 一  | ╁╾       | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   |  |  |
| -            | 70                   | ├─           | -  | $\vdash$   | ┢  | ┢        | -        | ┝          | -  | $\vdash$   |  |  |
| -            | 79                   | ├            | -  | ⊢  | ├  | ├        | -        | -          | $\vdash$   | -  |  |  |
|              | 80                   | <u> </u>     | L_   | _  | <u> </u>   | ļ        | -        | <u> </u>   | <u> </u>   | <b>—</b>   |  |  |
|              | 81                   | <u>_</u>     | _  | L  | <u> </u>   | L        |          | <u>L</u> . | _  | _  |  |  |
|              | 82                   | L            | 乚  | L.   | ļ.,  | _        | _        | _          |  | L.   |  |  |
|              | 83                   |              |  | L  |  | _        |          |            | _  |  |  |  |
|              | 84                   |              |  | L  | L  | L        | L        |            | L  | L  |  |  |
|              | 85                   |              |  |  |  |          |          |            |  | Ĺ  |  |  |
|              | 86                   |              |  |  | Γ  |          |          |            |  | [ T  |  |  |
|              | 87                   |              | Π  |  | T  | Ť        |          | Г          |  |  |  |  |
|              | 88                   | T            | t  | T  | Т  | Т        | $\vdash$ | $\vdash$   | $\vdash$   | Г  |  |  |
|              | 89                   | <del> </del> | T  | T  | 1  | ✝        |          | Т          | <u> </u>   | <del>                                     </del> |  |  |
|              | 90                   | <u> </u>     | 1-   | +-   | $\vdash$   | $\vdash$ | $\vdash$ | _          | $\vdash$   | $\vdash$   |  |  |
| -            | 91                   | $\vdash$     | +-   | +  | +-   | $\vdash$ | $\vdash$ | ╌          |  | ╁╌   |  |  |
| $\vdash$     |                      | +-           | ⊢  | ╁  | $\vdash$   | ├-       | ┼-       | ⊢          | $\vdash$   | ╁  |  |  |
| $\vdash$     | 92                   | ┼-           | ├-   | $\vdash$   | $\vdash$   | -        | ├-       | $\vdash$   | $\vdash$   | $\vdash$   |  |  |
|              | 93                   | <del> </del> | ╄  | ऻ  | ┞-   | ـ        | -        | <u> </u>   | $\vdash$   | ⊢  |  |  |
|              | 94                   | <del> </del> | <b>L</b>   | 1  | ┞-   | _        | 1_       | <b>!</b>   | <u> </u>   | 1_   |  |  |
|              | 95                   |              | $\perp$  | 1_   | <u>Ļ</u>   |          | _        | _          | 1_   | <u> </u>   |  |  |
|              | 96                   | L            | L  | $\prod$  |  |          | L        | L          | L  | L  |  |  |
|              | 97                   | Γ            | Γ  | Π  | Γ  |          |          |            |  |  |  |  |
|              | 98                   | Г            | T  | Т  | Т  |          | Г        |            | Π  |  |  |  |
|              | 99                   | 1            | T  | 1  | T  | 1        | 1        | Τ          |  | Т  |  |  |
| -            | 100                  | $\vdash$     | t  | +  | +-   | $t^-$    | 1        | t-         | <del>                                     </del> | 1  |  |  |
|              | 1100                 | 1            | _  |  | _  |          | 1        |            |  |  |  |  |

| Cla   | aim                                    | Date     |   |          |   |    |              | $\neg$     |    |          |
|-------|--|----------|---|----------|---|----|--------------|------------|----|----------|
|       |  |          |   |          | ī |    |              |            |    | $\neg$   |
| =     | Original                               |          |   |          |   |    |              |            |    |          |
| Final | igi                                    |          |   |          |   |    |              |            |    |          |
| ш.    | ō                                      |          |   |          |   |    |              |            |    |          |
|       | 404                                    | $\vdash$ | - |          | _ |    |              | $\vdash$   |    | -        |
|       | 101<br>102                             | Н        |   |          |   |    | -            |            |    |          |
|       | 102                                    | Н        |   |          |   |    |              | -          | _  | -        |
|       | 103                                    | Н        |   |          | _ |    |              | Н          | ш  | $\dashv$ |
|       | 104<br>105                             | _        | _ | _        |   |    | _            | -          |    |          |
|       | 105                                    |          |   |          | _ |    | _            | _          | _  | _        |
|       | 106                                    |          |   |          |   |    |              |            |    | -        |
|       | 107                                    |          |   | Ш        | _ |    |              |            |    |          |
|       | 108                                    | Ш        |   | _        |   |    | _            |            |    |          |
|       | 109                                    |          |   | _        |   |    |              |            |    |          |
|       | 110                                    | Ш        |   | <u> </u> | Ш |    | <b> </b>     | Ш          | Ш  | Н        |
|       | 111                                    |          |   | _        | _ |    | $\sqcup$     | Ш          | Щ  | Щ        |
|       | 112                                    | Ш        |   | Щ        |   |    |              | Ш          | Щ  | Щ        |
|       | 113                                    | _        |   | Щ        | L |    | $oxed{oxed}$ | Ш          | Щ. | Ш        |
|       | 114                                    |          |   |          |   |    | L            |            |    | Ш        |
|       | 115                                    |          |   |          | _ | _  |              |            |    | Ш        |
|       | 112<br>113<br>114<br>115<br>116<br>117 |          |   |          |   |    | $oxed{oxed}$ | <u>L</u> _ |    |          |
|       | 117                                    |          |   |          |   |    |              |            |    |          |
|       | 118                                    |          |   |          |   |    |              |            |    |          |
|       | 119                                    |          |   |          |   |    |              |            |    |          |
|       | 120                                    |          |   |          |   |    |              |            |    |          |
|       | 120<br>121                             |          |   |          |   |    |              |            |    |          |
|       | 122                                    |          |   |          |   |    |              |            |    |          |
|       | 123<br>124                             |          |   |          |   |    |              |            |    |          |
|       | 124                                    |          |   |          |   |    |              |            |    |          |
|       | 125                                    |          |   |          |   |    |              |            |    |          |
|       | 126<br>127                             |          |   |          |   |    |              |            |    |          |
|       | 127                                    |          |   |          |   |    |              |            |    |          |
|       | 128<br>129<br>130                      | L_       |   |          |   |    |              |            |    |          |
|       | 129                                    | <u> </u> | L |          |   | L. | <u></u>      |            | _  | Ш        |
|       | 130                                    |          |   |          |   |    | <u> </u>     |            |    | Ш        |
|       | 131                                    |          |   |          |   |    |              |            |    |          |
|       | 131<br>132                             |          |   |          |   |    |              |            |    |          |
|       | 133                                    |          |   |          |   |    |              | 匚          | 匚  |          |
|       | 134                                    |          |   | L        |   |    |              |            |    |          |
|       | 134<br>135                             |          |   |          |   |    | L            |            |    |          |
|       | 136                                    |          |   |          |   |    |              |            |    |          |
|       | 137                                    |          |   |          |   |    |              |            |    |          |
|       | 138                                    |          |   |          |   |    |              |            |    |          |
|       | 139                                    |          | L | L        |   |    |              | L          |    |          |
|       | 140                                    |          |   |          |   |    |              | L          | Ĺ  |          |
|       | 141                                    |          |   |          |   | L  |              |            |    |          |
|       | 142                                    |          |   |          |   |    |              |            |    |          |
|       | 143                                    |          |   | $L^{-}$  |   |    | L            |            |    |          |
|       | 144                                    |          |   |          |   | L  | $\Box$       |            | L  |          |
|       | 145                                    |          |   |          |   |    |              |            |    |          |
|       | 146                                    |          |   |          |   |    |              |            |    |          |
|       | 147                                    |          |   |          |   |    |              |            |    |          |
|       | 148                                    |          |   | П        | Γ |    |              |            |    | П        |
|       | 149                                    | П        | Г |          | Г |    | T            |            |    | П        |
|       | 150                                    | Т        |   | L        |   |    |              | Ι          |    | П        |
|       |  | •        |   | -        | - |    | _            | -          |    |          |